“ VIDEO SURVEILLANCE CLIENT” USER MANUAL
IP START SERIES

Chapter 1 - Product Overview

1.1 Performance instruction

Video Surveillance Client software is a centralized management tool for surveillance devices which include NVR and IPCAM. It support video preview, playback, electronic map, configuration and other kinds of function, greatly promoted the users supervision and control.

Each PC can only support one software operation, and it can provide 200 channels front devices access at most. The automatically memory function let the accessed devices number recorded, users have to delete the recorded channels information as the front devices log out.

1.2 System operation environment

Operation system: Microsoft Windows XP or later

CPU：Intel(R) Celeron(R) CPU E3400 @2.5GHZ or later

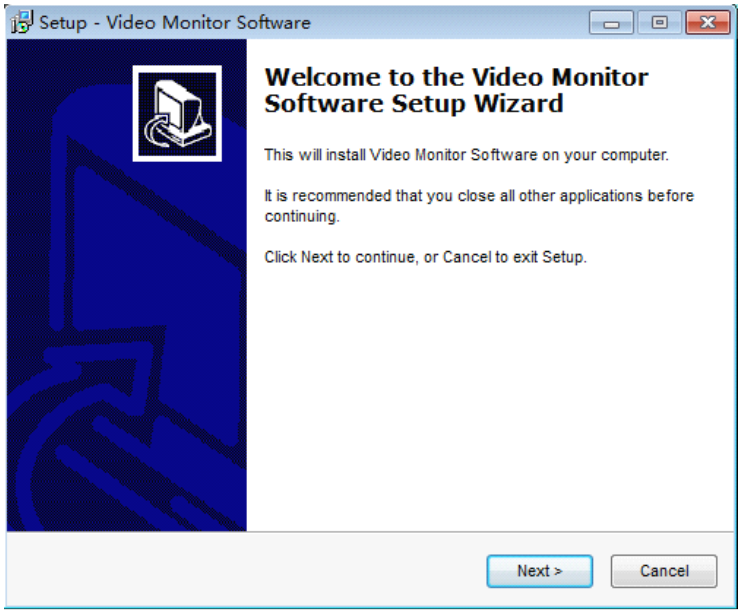
HDD: 2GB or later

Network: Gigabit network interface controle for PC, Gigabit network for interchanger

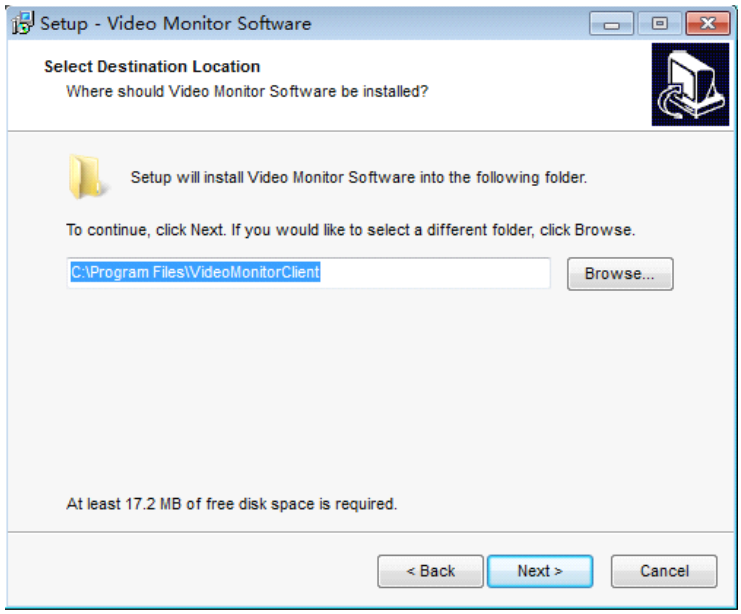
Chapter 2 - Software Introduction

Installation instruction

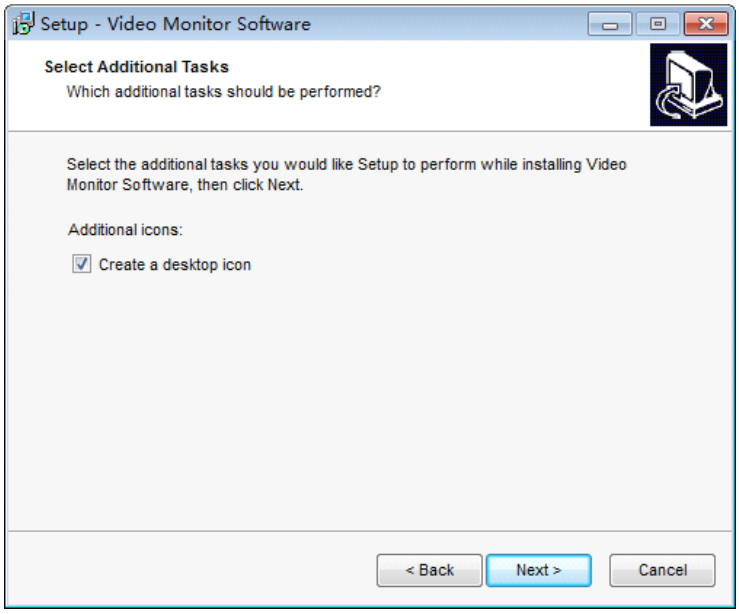
Double click installation program icon to operate the software, and the below interface will pop out:


Setup - Video Monitor Software
Welcome to the Video Monitor Software Setup Wizard
This will install Video Monitor Software on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

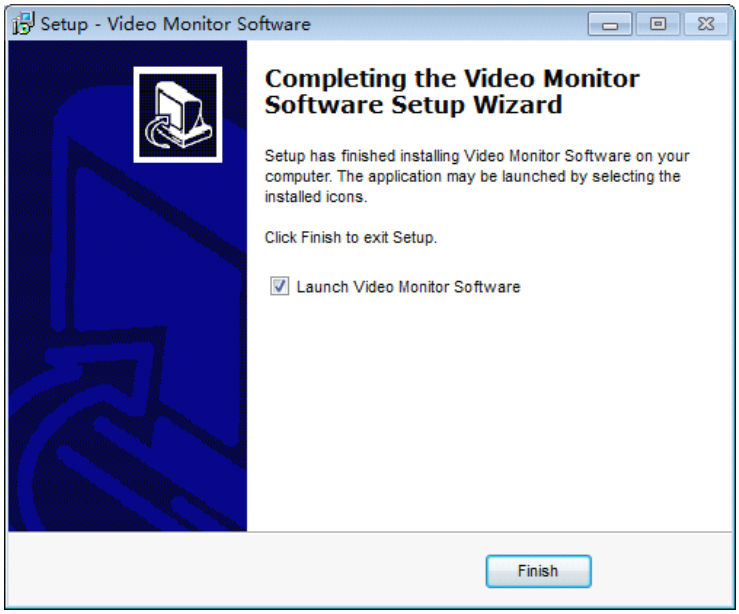
Click **Next** to go to store location selection interface:


Setup - Video Monitor Software
Select Destination Location
Where should Video Monitor Software be installed?
Setup will install Video Monitor Software into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\VideoMonitorClient
Browse...
At least 17.2 MB of free disk space is required.
< Back
Next >
Cancel

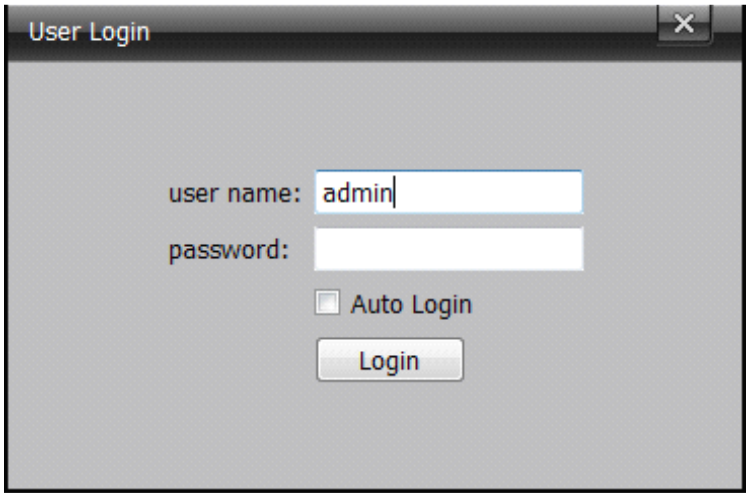
Click **Next** and the below interface will pop out, select **Create a desktop icon**:


Setup - Video Monitor Software
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing Video Monitor Software, then click Next.
Additional icons:
Create a desktop icon
< Back
Next >
Cancel

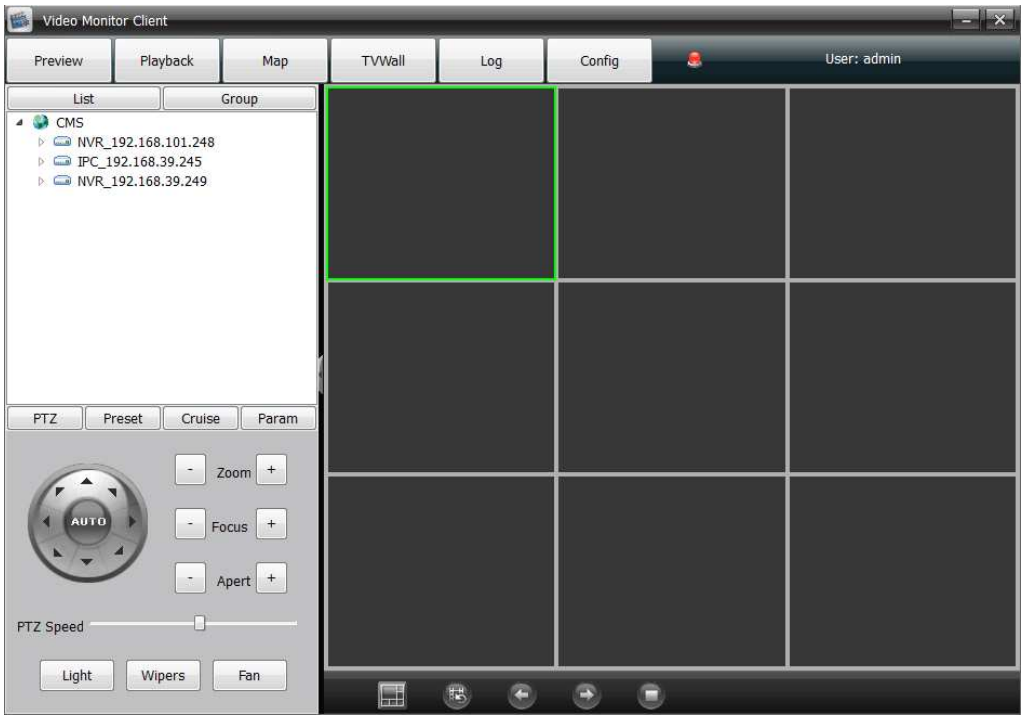
Click **Next**, it will create a desktop icon and meanwhile software installation complete.


Setup - Video Monitor Software
Completing the Video Monitor Software Setup Wizard
Setup has finished installing Video Monitor Software on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Launch Video Monitor Software
Finish

After software installation successfully, click the corresponding desktop icon to operate it. The follow interface will pop out, input username and password (**Default Username is admin, password is blank**) to log in. Any modification for ADMIN please go to client-side to handle:



As log in the main interface, it divide into 6 modules include **Preview**, **Playback**, **Map**, **TVwall (not used)**, **Log**, **Config:**

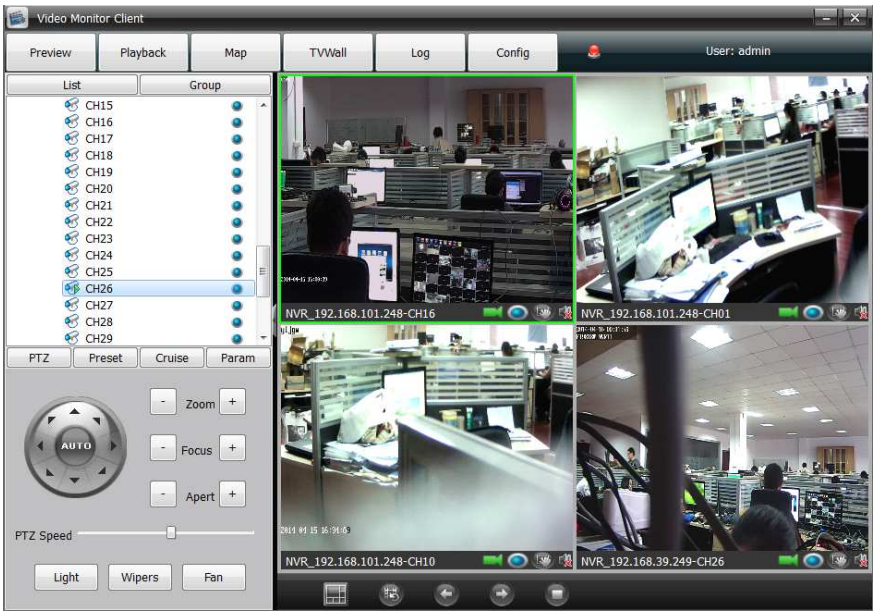


Note: when you have to log out, please click right mouse button at icon in the system tray, do not click icon at top right corner.

2.1 Video preview and recording

Double click the selected device address information at the left list and the below corresponding device channels will come out, double click the selected channel or drag the selected channel to right window to open the video preview.

There is a triangle icon at the channel number left when the corresponding channel device operation. There is a circle icon at the channel number right, blue icon means video recording not open, red icon means video recording open. When you selected the right window, the corresponding channel number on left list will turn blue CH03 CH04 CH05 . As figure below:



2.1.1 Right mouse button for left devices /channels

Open all preview

Click right mouse button at device to select open all video preview

Close all preview

Click right mouse button at device to select stop all video preview

Open all recording

Click right mouse button at device to select start all channel devices video recording

Close all recording

Click right mouse button at device to select close all channel devices video recording

Start/Stop record

Click right mouse button at channel to select start or stop the channel video recording

Main stream/ Sub stream

Click right mouse button at channel to select main stream or sub stream

2.1.2 Right mouse button for windows

Stop preview

Click right mouse button to stop the selected window video preview

Capture

Click right mouse button to do real-time capture for preview interface and then store the capture file to specified directory

Start/ Stop record

Click right mouse button to start or stop the corresponding channel local video recording

Open/ Close sound

Click right mouse button to set open or close the corresponding channel audio preview (there are only support opening one channel sound at time)

Start/ Stop intercom

Click right mouse button to set start or stop the voice intercom

Stop all preview/ Polling

Click right mouse button to stop all video preview or group polling preview

Full screen/ Exit full screen

Defog

There are low defog/ Moderately defog/ Highly defog selectable

Main stream/Sub stream

Click right mouse button to select the stream type according to screen display need

2.1.3 Windows toolbar

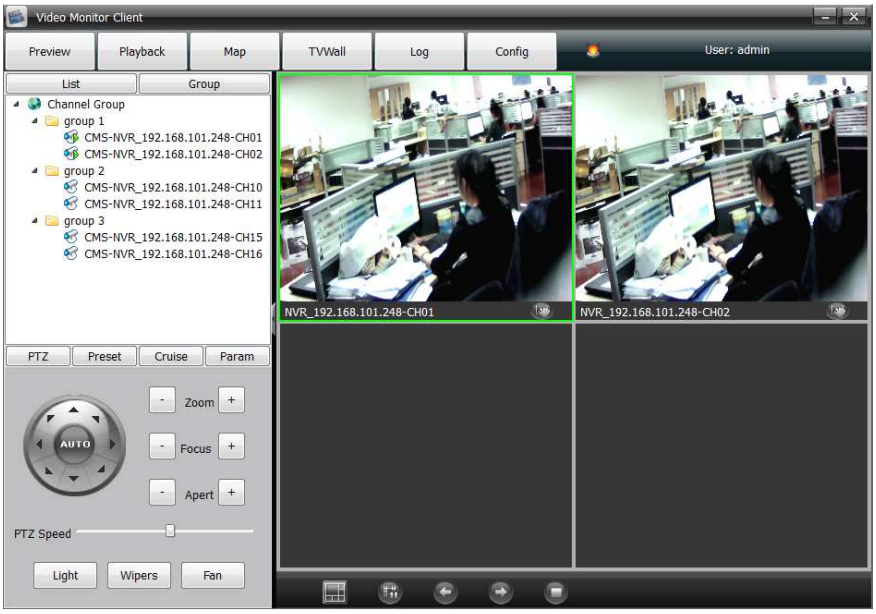
It will show the device name at the toolbar left, gray icon means front device does not do video recording (green icon means front device is doing video recording), blue icon means local channel does not do video recording (red icon means local channel is doing video recording), means capture, means open or close the sound.

2.1.4 Below toolbar at the video preview windows

The icons at the toolbar respectively are: Set split-screen, Start/Stop polling, Last group, Next group, Stop all preview/ Polling.

2.1.5 Device video group polling

Add two or more then two channels video to compose a group (for more details for operation steps please refer to **Config** module introduction). Click icon to start group video polling. As figure below:

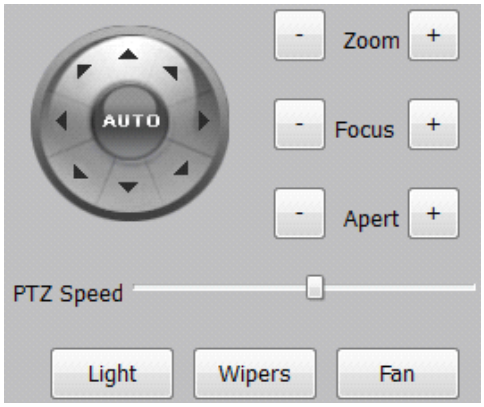


Click the icon once again to stop group video polling. Click icon to close group video polling.

2.1.6 PTZ

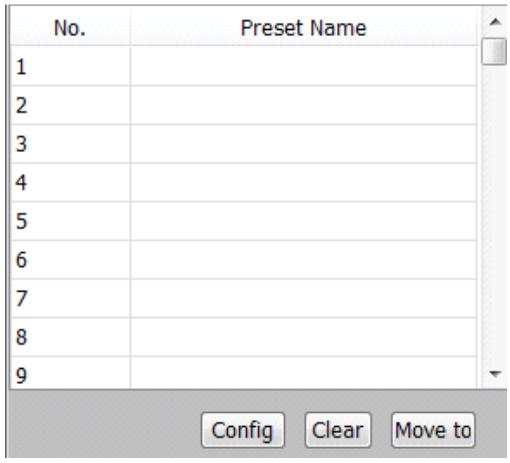
2.1.6.1 PTZ control

Click **PTZ**, it control the camera lens 8 directions, respectively is Up, Down, Left, Right, Up left, Down left, Up right, Down right, Zoom +/-, Focus+/-, Apert +/-, PTZ speed, Light, Wipers, Fan. As figure below:



2.1.6.2 Preset

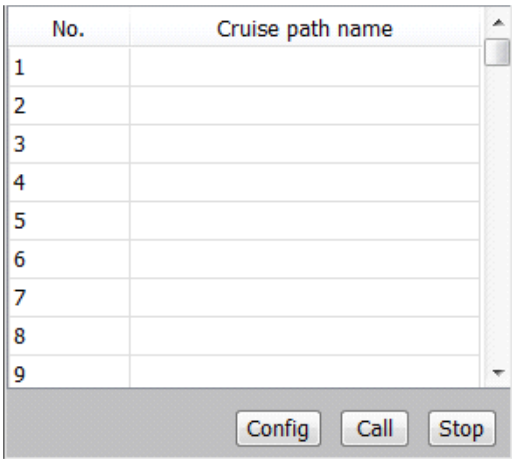
Click **Preset** to enter into preset setting interface:



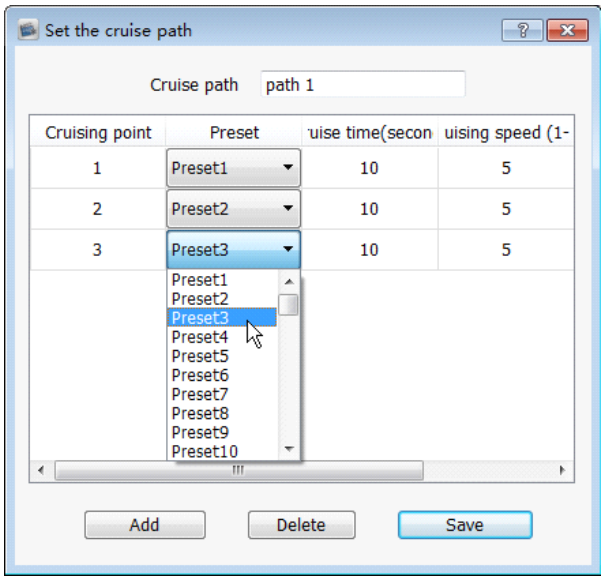
Turn the camera lens to appointed location and select the serial number, click "Config" and there is a"Set Preset Name" interface pop out, edit preset name and click **OK.**
If you want to modify the preset location, turn the camera lens to appointed location directly and click "Config" to change and save it. Configurable preset numbers depend on front device supporting.
Click **Clear** to delete the setted preset.
Select the number and click **Move to**, the camera will go to the corresponding setted location directly.

2.1.6.3 Cruise

Click **Cruise** to enter into preset setting interface:



Select a serial number and click **Config**, the following interface will pop out:



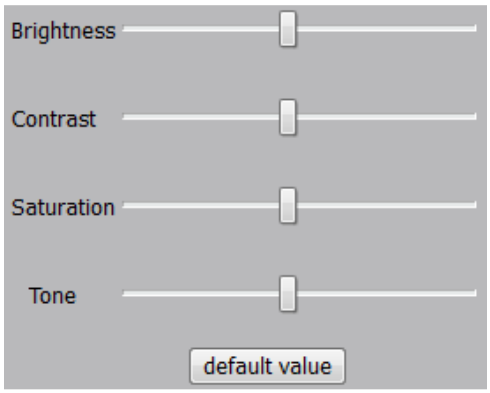
Input the cruise name, click **Add** and select the specified preset, then set the cruising time and speed. Repeat above operation to add the second and third cruising point, configurable cruise point numbers depend on front device supporting.

Select the cruising point number and click **Delete** to delete the corresponding cruising point,

After complete the setting, click **Save**. Click **Call** to start cruising and click **Stop** to close the cruising.

2.1.6.4 Param

Click **Param** to enter into parameters setting interface:



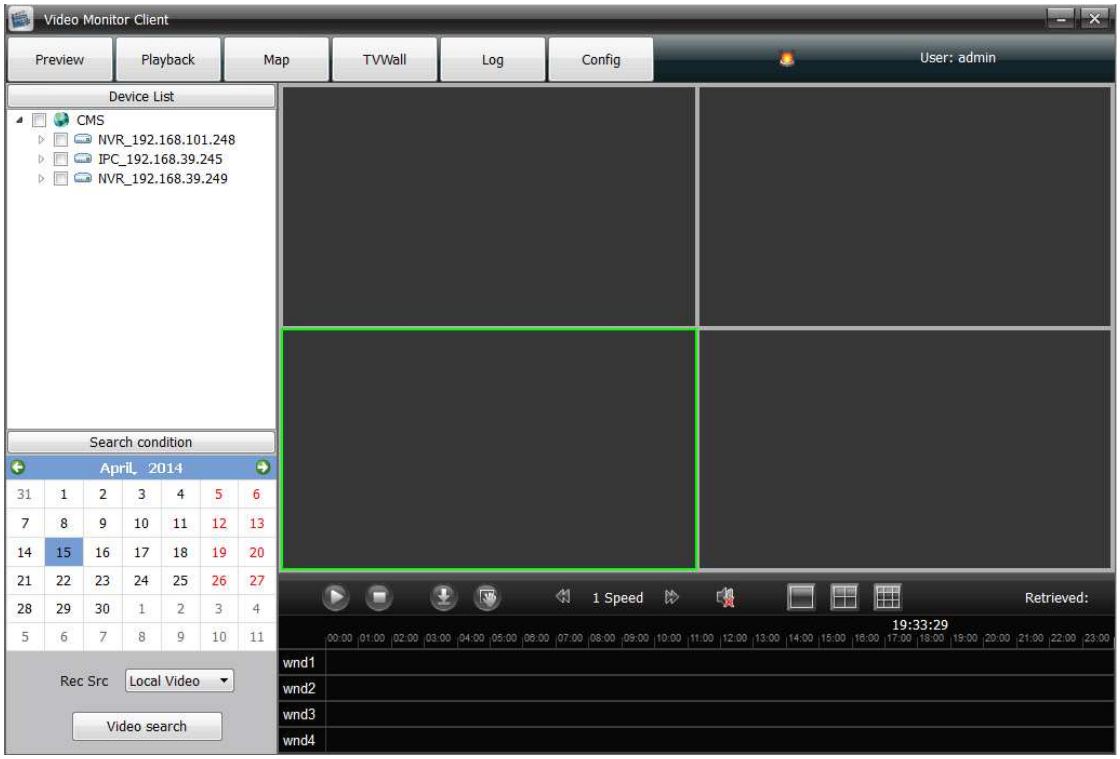
Set the right window selected channel's brightness, contrast, saturation and tone, click default value to make the parameters restore default. It only support brightness and contrast setting for our protocol.

2.1.7 Preview interface electronic zoom

As select the channel preview window, it support electrical smooth zoom in by mouse middle button wheel operation.

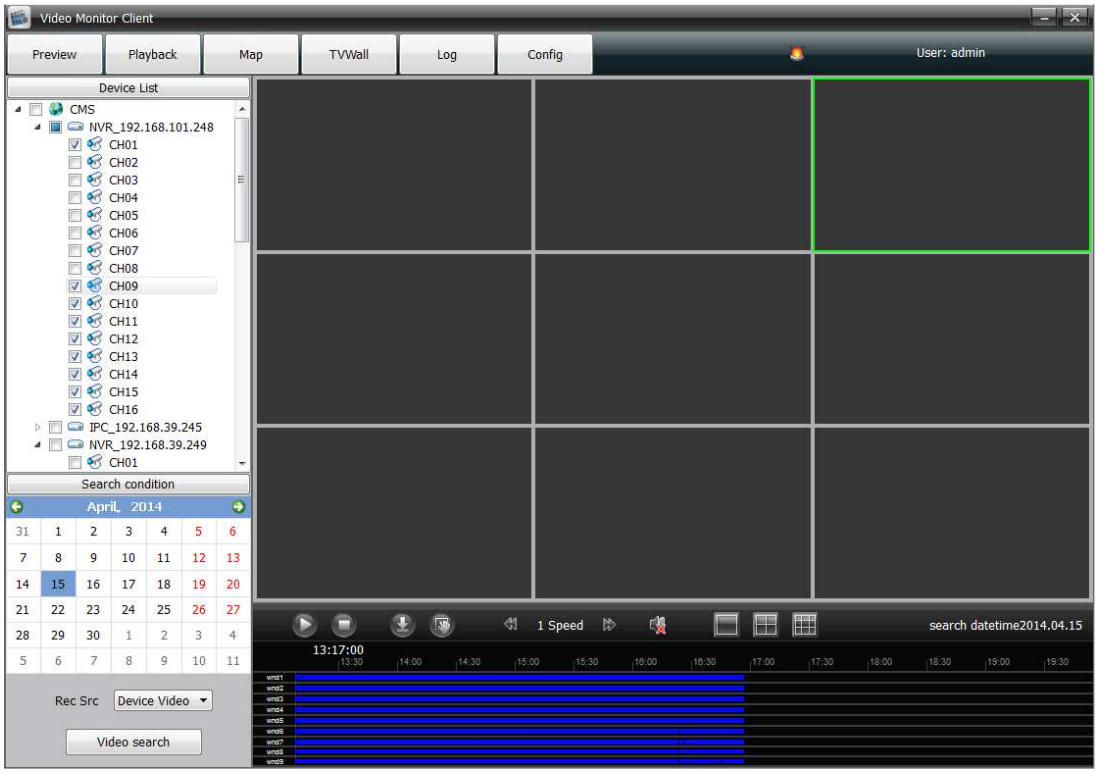
2.2 Video playback

Click **Playback** to go to video playback module, as figure below:



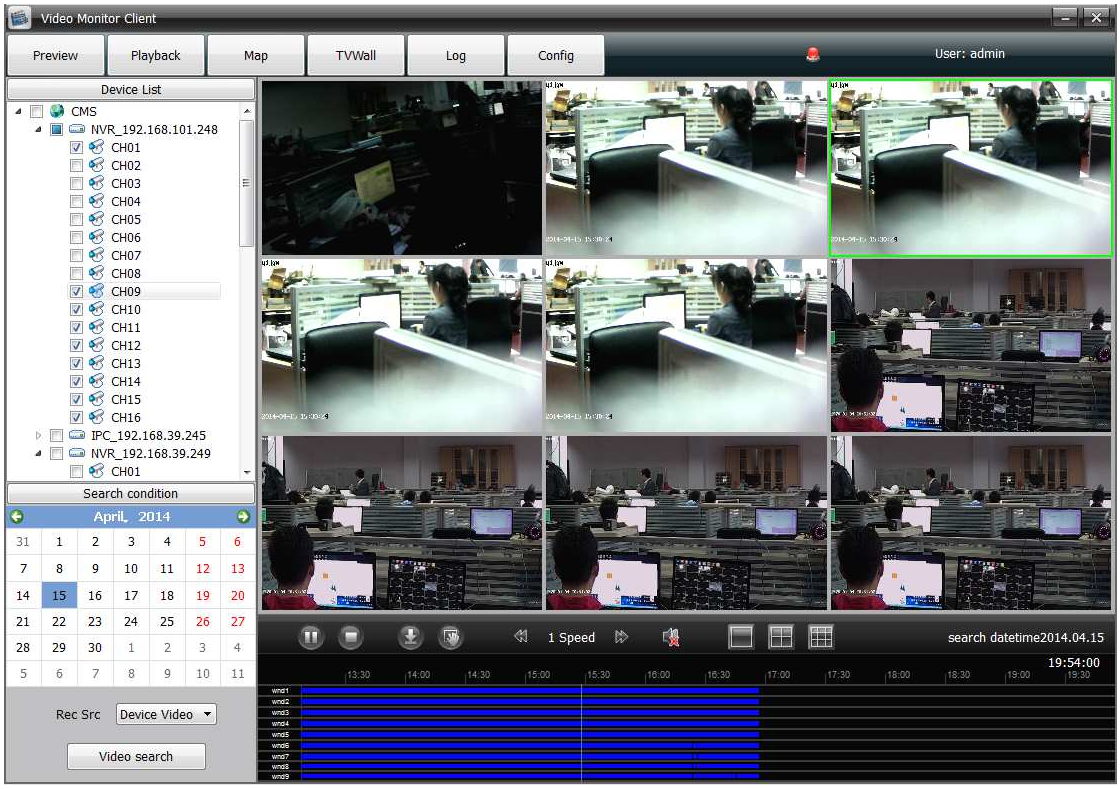
2.2.1 Local video search

Click icon in front of the device information while all channels following this device will be selected, click icon in front of icon to show the scope selection drop-down list and determine to search the needed channels video (Each device only support 9channels video playback at the same time, different devices record video can not playback at the same time). Set the date, select record scope (**Local video**) and click **video search** to view the record video.
As figure below:



2.2.2 Video playback

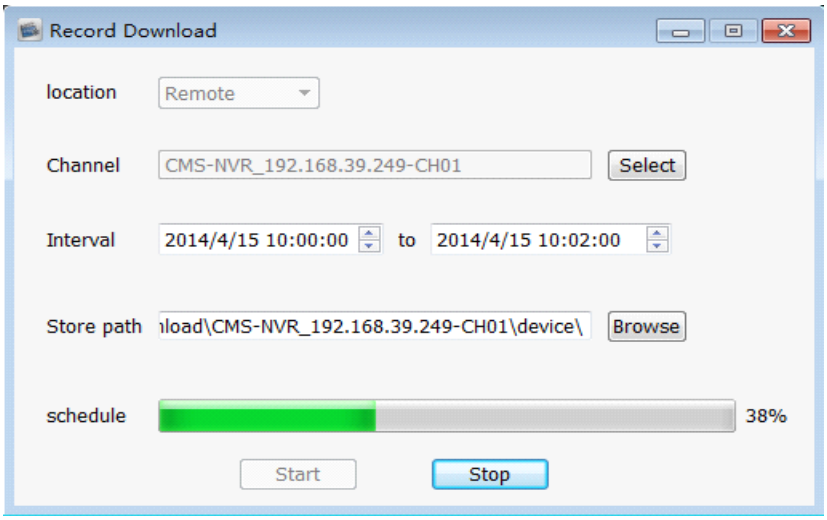
Click to play, click to stop, double-click on the video progress bar can pinpoint playback. As figure below:



In the playback interface, double-click a playing window or click right on the playing window to select **Full screen**, it will get full-screen display.

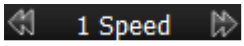
2.2.3 Record download

Click record download, there a record download setting page will pop out.
As figure below:



Select the video location (Remote/Local), download channel, time interval and video store path, click start or stop to download, the file will save in the specified path.
Attention: it is best to use VLC media player to play the downloaded file.

2.2.4 Toolbars

capture; 

control the speed of playback;

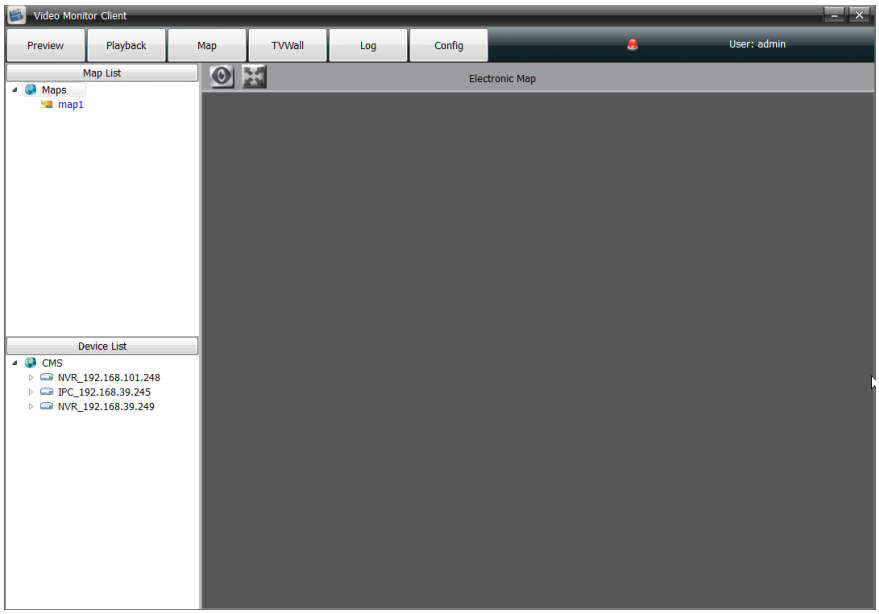
open and close the voice (it only support 1 channel voice playing every time), 1, 4, 9 split screen switch.

2.2.4 Playback image electronic amplification

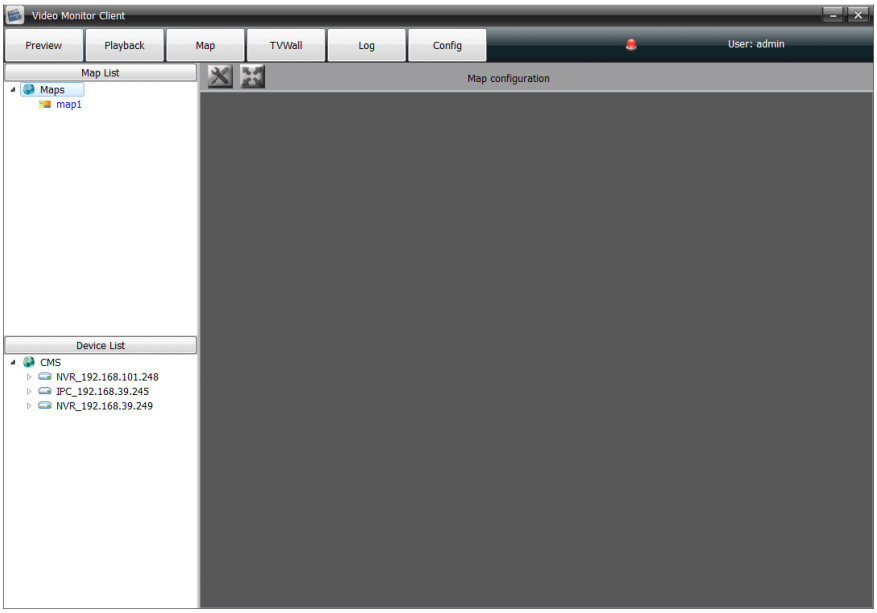
During video playback, select one window and scroll with the mouse, the video image will Zoom in several times.

2.3 Map

Click **Map** to enter into map function module, means the electronic map are opening. As figure below:



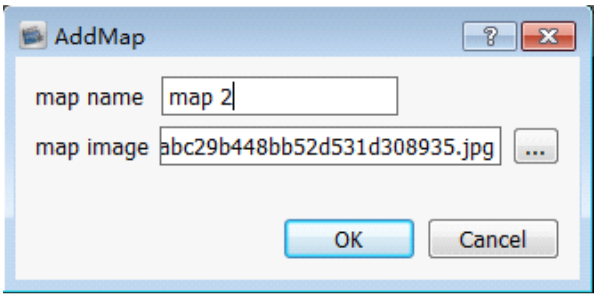
Click and it will change to , it means the electronic map are in configuration. As figure below:



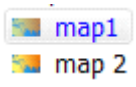
2.3.1 Add map

Click right key on

and select **New Map**, the follow interface will pop out, edit the map name and add a map image, click OK, the map added successfully.



When the electronic map display, the corresponding name will turn blue



2.3.1.1 Right-click on map name

Delete map

Delete the current map

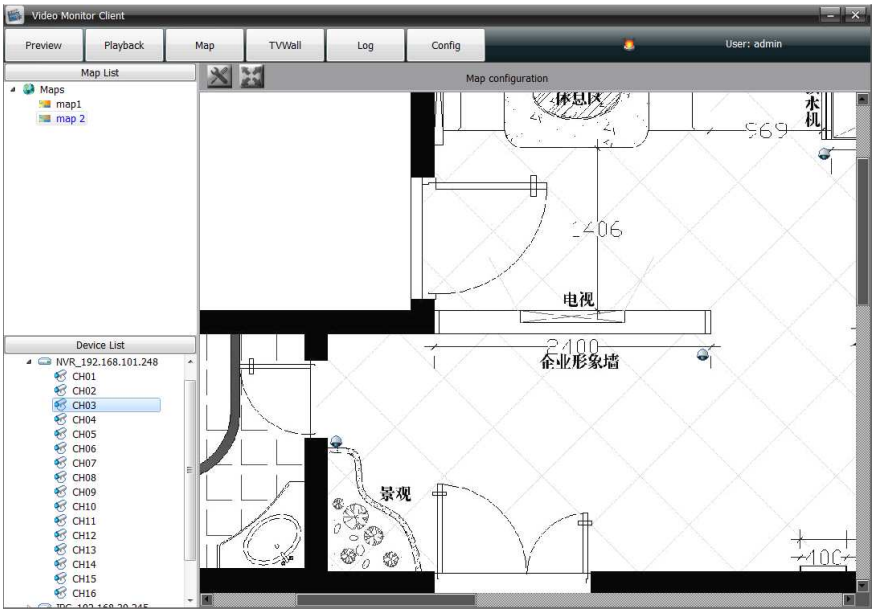
Add child map

Add a sub map for the current map, there are 2 levels for each main map, so it can not add a new map under the sub map.

icon will appear on the main map, double click to open the sub map (it is only available if the map situation is). Click icon on sub-map to return to the main map.

2.3.1.2 Right-click on / icon

Select the channel in the device list and drag on the map to successful set up defence. As figure below:



Remove channel

Delete the channel from the map

Channel icon

There are two icons for selectable: monitor icon and gun icon

Motion detection

Set the motion detection alarm linkage, when the alarm is triggered, it will popping preview window automatically in the electronic map.

Loss of signal

Set the signal loss alarm linkage, when the alarm is triggered, it will popping preview window automatically in the electronic map.

Shelter alarm

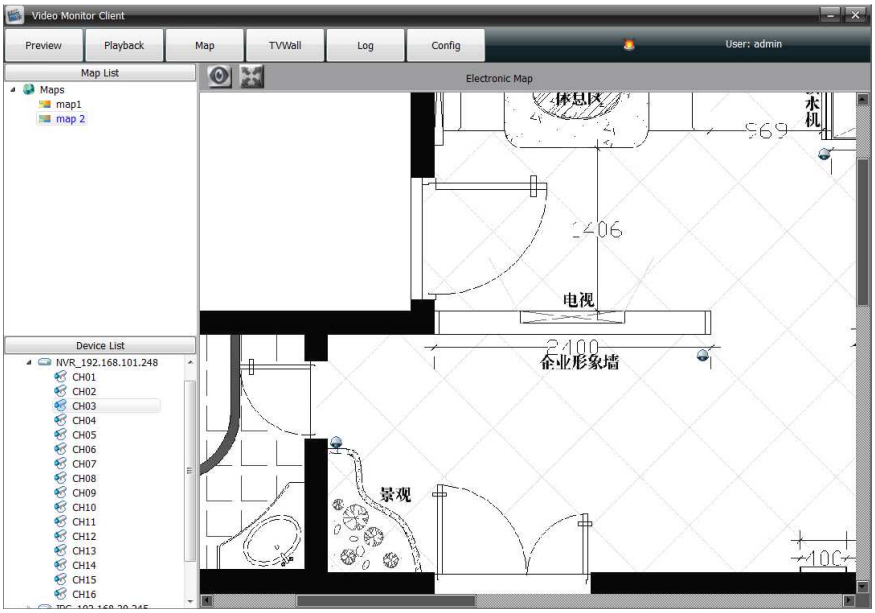
Set the video shelter alarm linkage, when the alarm is triggered, it will popping preview window automatically in the electronic map.

Alarm input

Set the alarm output linkage, when the alarm is triggered, it will popping preview window automatically in the electronic map (as aimed at NVR series, the front part of alarm input signal is NVR local alarm input, the behind part signal front-end IPCAM alarm input).

2.3.2 Electronic map

Enter into the module of electronic map (icon status):



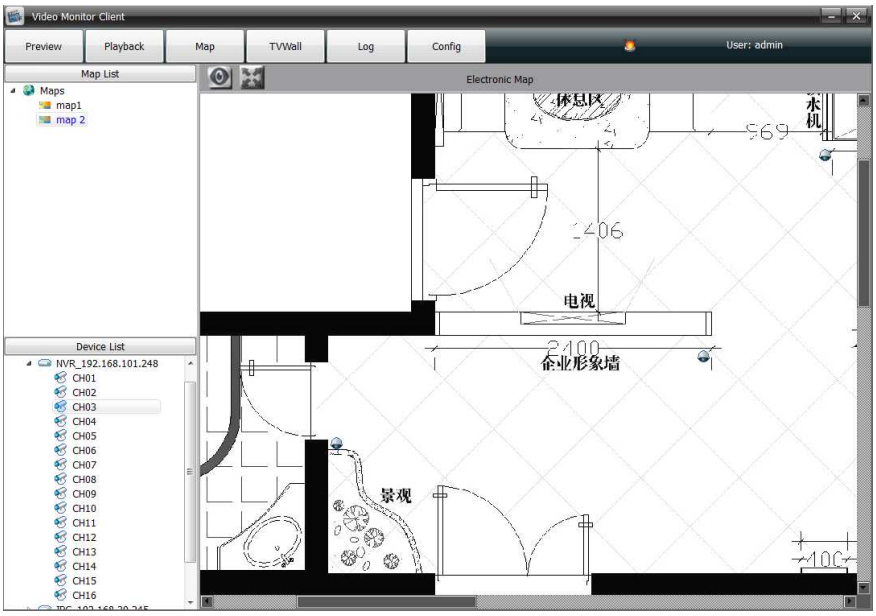
2.3.2.1 Right-click on / icon

Channel preview

Channel playback
(Operation details please refer to the **2.2 Video playback)**

2.3.2.2 alarm linkage preview

After the front device alarm toggle opened and linked to this network video monitoring software, the linkage channel will pop out the preview window as alarm detected, the channel icon in the map and red light on the screen right corner will flashing simultaneously.

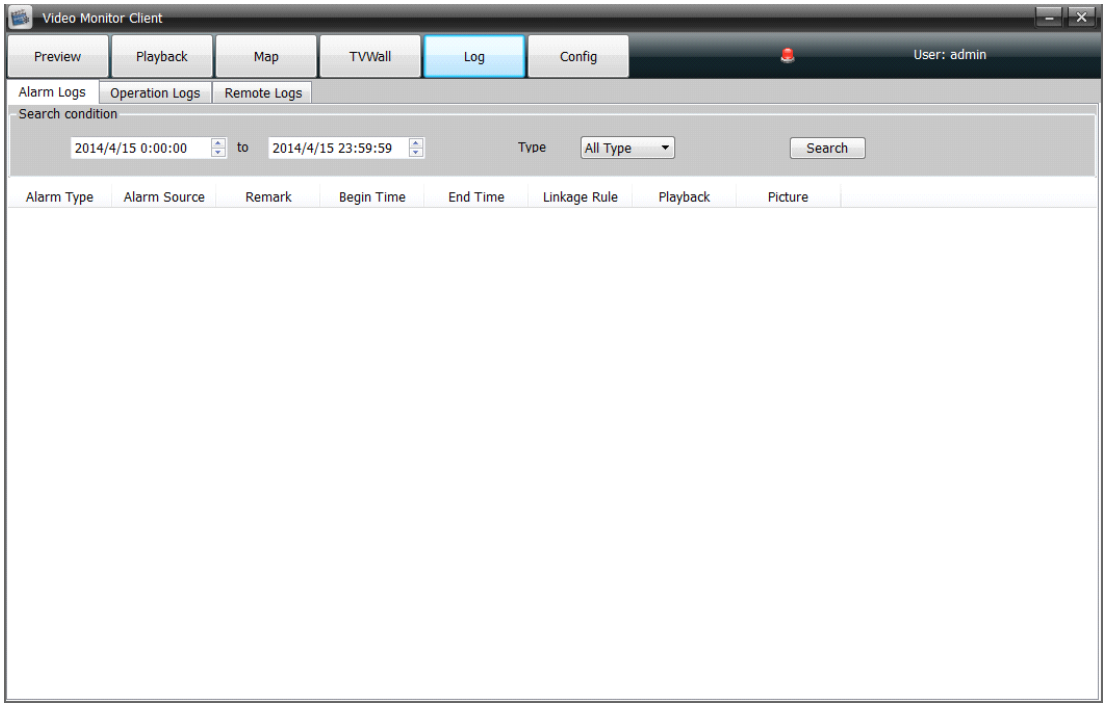


The software can handle multiple channels alarm linkage at the same time and support different map linkage alarm preview windows which pop out at the same time.

2.3.3 Map widening , narrowing and full screen

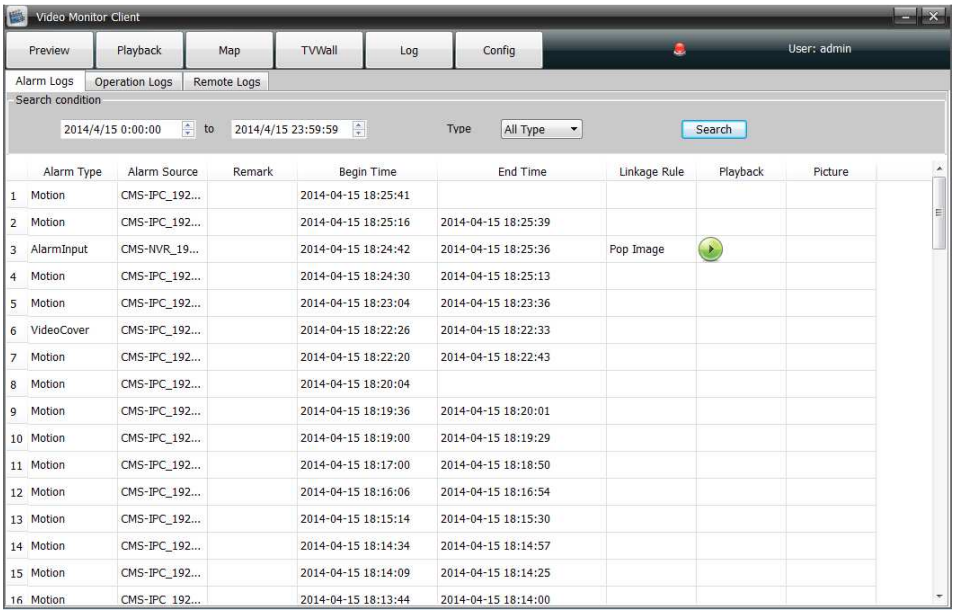
icon used to widen screen map, icon used to close the full screen map

2.4 Log



2.4.1 Alarm logs

Alarm logs: it can be search out as the front device marked alarm signal upload center, it can be search out if check the alarm of upload center in device side which respond to the alarm linkage rule in client-side. It will show the relevant information of rules in linkage action and playback. As the picture below:



The type of alarm can be divided into alarm input, motion detection, video shelter, video lost.

Alarm source come from the device channels.

Begin time and end time is the time of alarm triggered and the time of alarm stop.

Linkage action shows the relevant linkage rule information, such as there will show **pop imag**e chars if set video action linkage.

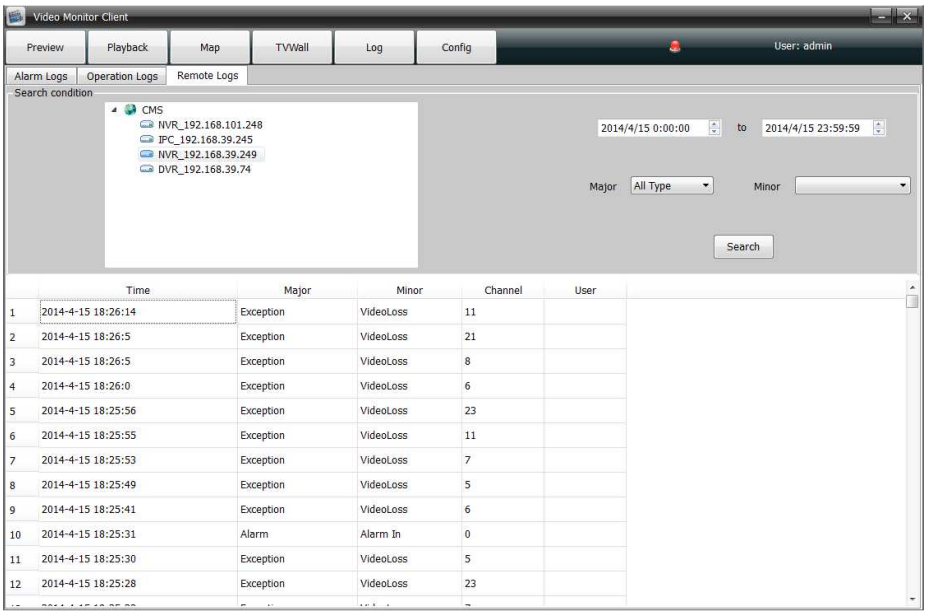
The playback, icon indicate that there a record video, click the icon to play.

2.4.2 Operation logs

Operation logs: all users operations will be recorded and the operation type include: All type, log in/out, add/delete devices, setup/cancel alarm, open/ close record, remote configuration, set alarm linkage.

2.4.3 Remote logs

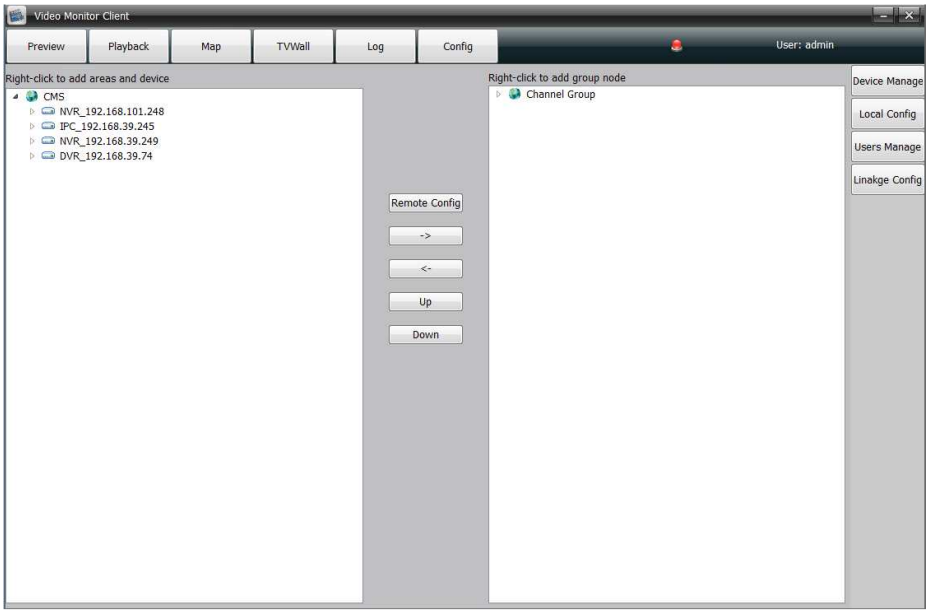
Remote log is to search the alarm information saved in the front-end device. Select the front-end device, set date and type then click **Search**, all alarm information of the preset time period will appear in the blank area. As figure below:



2.5 Configuration

2.5.1 Device manage

Click and enter into the device manage configuration page. As figure below:



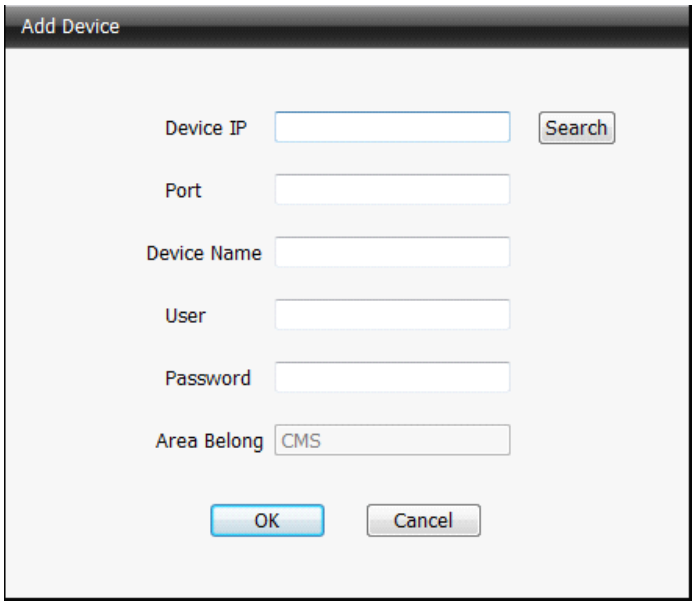
2.5.1.1 Right-key on left area CMS icon

Add area

Right click to add a new sub-area, input the area name and save it.

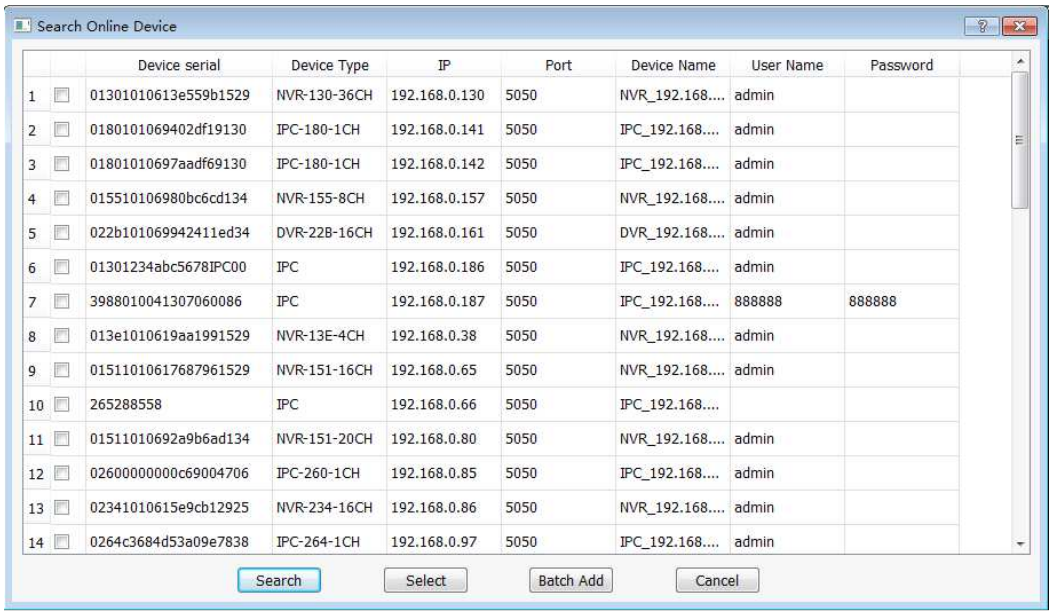
Add device

Right click to select **Add device**, and the follow interface will pop up:



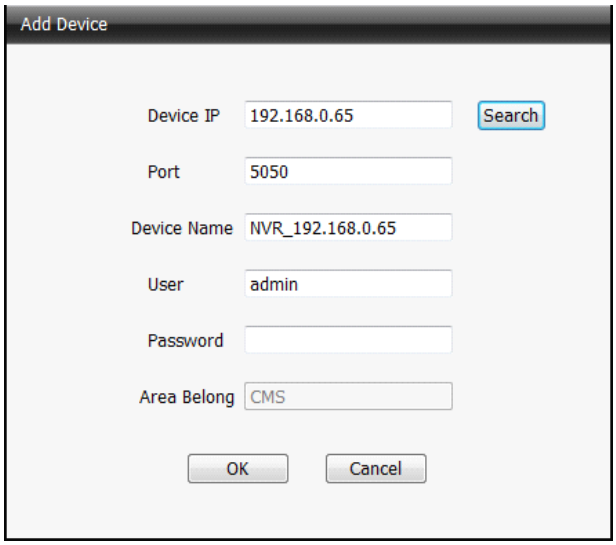
Input the information and click OK to add successfully or click

Search, the follow interface will pop up:



Search: click Search to update the device information

Select: select one device and click to select, add the device into CMS. As figure below:



Batch add: check one or more device simultaneously, click the **Batch add** to add series devices one-time .

Cancel : close the window

Sub menu delete node

Right click to select delete node to remove the device (if the device in the video preview/video record/ video playback, it can not delete)

Modify the sub menu device name

Right click to select **Update node name** to modify the device name

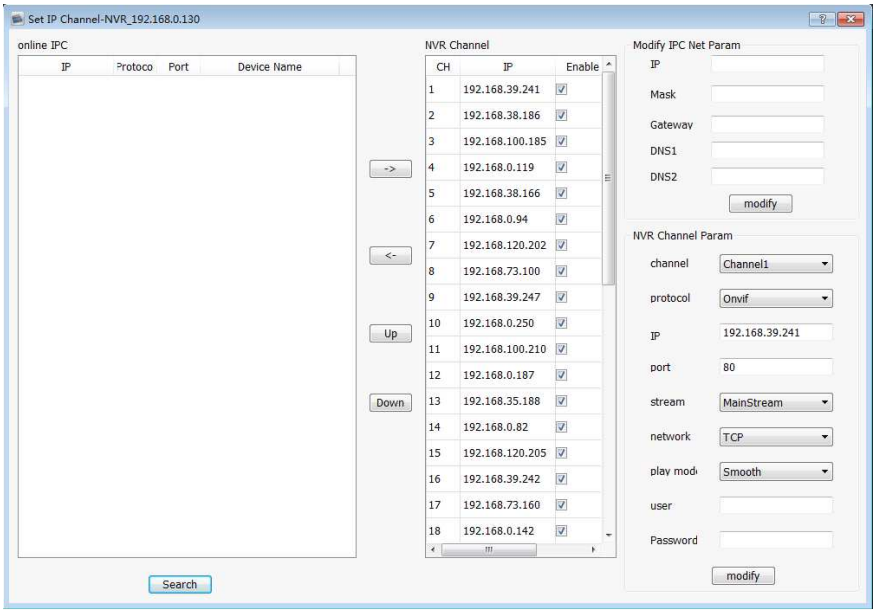
Refresh channel name

Right click to select to refresh the channel name

Set alarm

Right click to open alarm linkage

Set IP channel



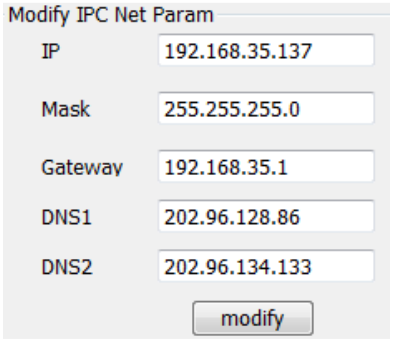
Click Search to list the IPCAM in “online IPC”then select IPC and click -> , add it to “NVR channel ” successfully.

Select the channel in “NVR channel”, click <- to cancel channel

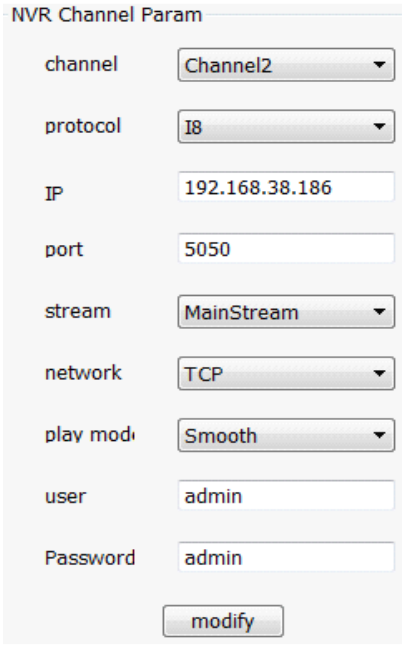
Select the channel in “NVR channel” (Note: the device name, not behind the device information), click Up to move up the channel.

Select the channel in “NVR channel” (Note: the device name, not behind the device information), click Down to move down the channel.

Double-click the device on “online IPC”, users can change IP param and others of IPCAM in “modify IPC net param”area.

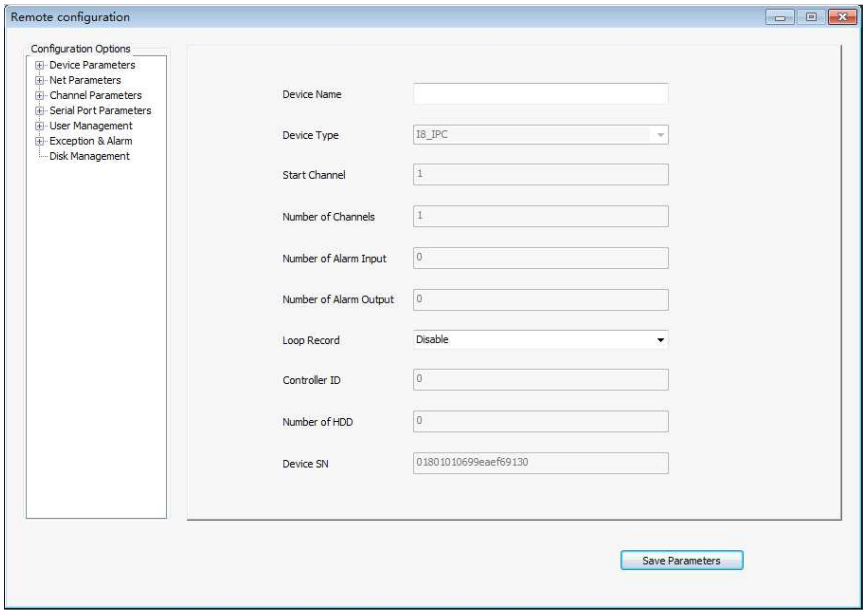


Double-click the channel of “NVR channel”, input the correct param (user name and password) in “NVR channel param” area to ensure NVR can connect IPC.



2.5.1.2 Remote configuration

Select the device and click **remote config**:

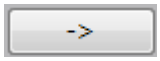


Remote configuration can be used to modified device parameter, more specific operations please refer to device specification manual.

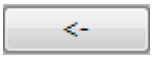
2.5.1.3 Right click to add group node

Right click on

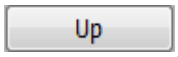
icon to add group

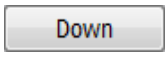
Right click on group name to select **Delete group** to delete it
Select the device channel in the left area, and select specified group in the right area, click then click 

to add the channel in the specified group.

Select the device information in the right area and click 

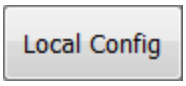
to remove it.

Select the group and click 

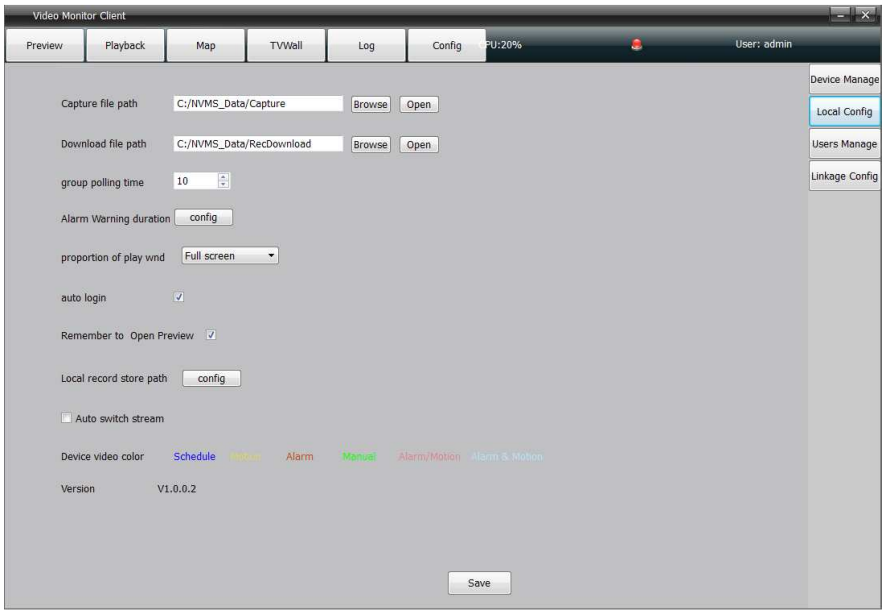
, 

to sorting it.

2.5.2 Local config

Click 

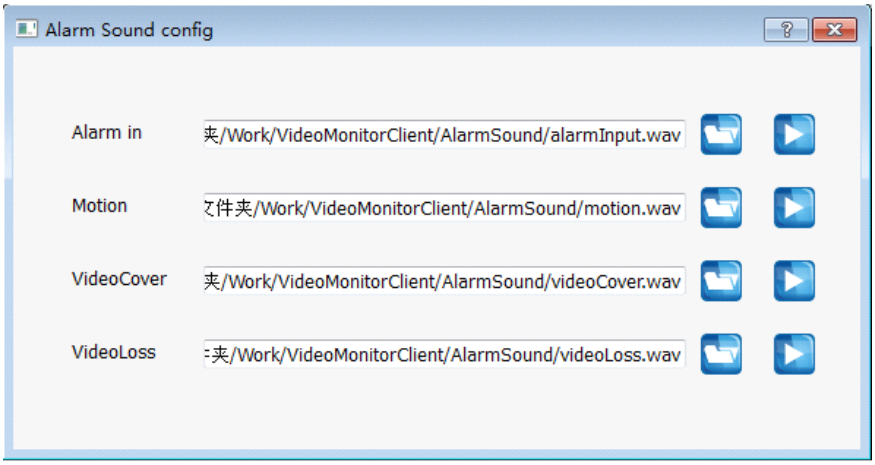
to enter into the local configuration page. As figure below:



Capture file path/ Download file path: set the file store path. Click **Open** to find the file location.

Group polling time: set the group preview time 10 seconds in general.

Alarm sound configuration:



Users can set the custom alarm sound , click to select the audio file and to change the old audio file with the new audio file, click to preview audio file.

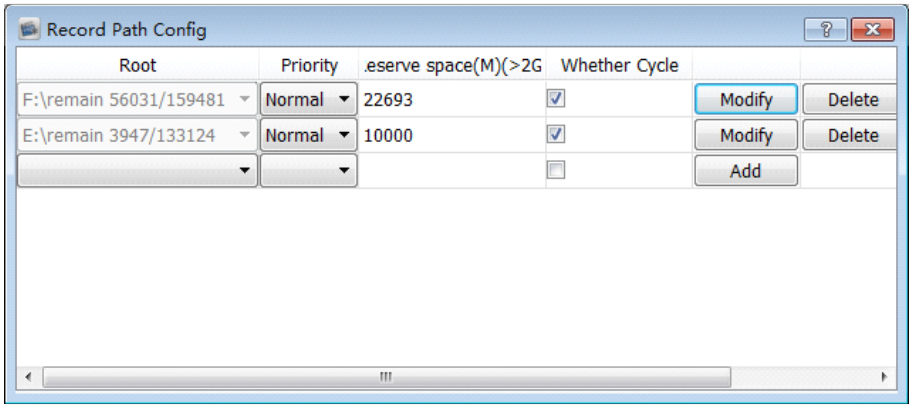
Attention: only support WAV format audio.

Window display scale: set the video display scale. Users can select 16:9, 4:3 or full screen.

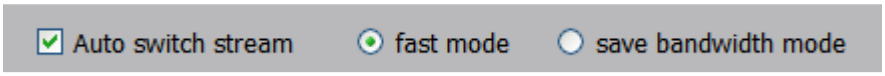
Remember login: user can log in directly next time after select **Auto login.**

Remember to open preview: users can get continuous video preview as who turn off the software directly before and the record video stored also.

Local record configuration



Select the path to save the local video, set reserved space and wether cycling the video. It will work after parameters modification the and click the button of modify.



Click auto switch stream
Sub stream for above 4 split screen, main stream for full screen.

Fast mode: open the main stream and sub stream simultaneously, in fact, it only change the display chars at every stream switch

Save bandwidth mode: it have to turn off the current stream then turn to another stream, the speed is a little slow then Fast mode

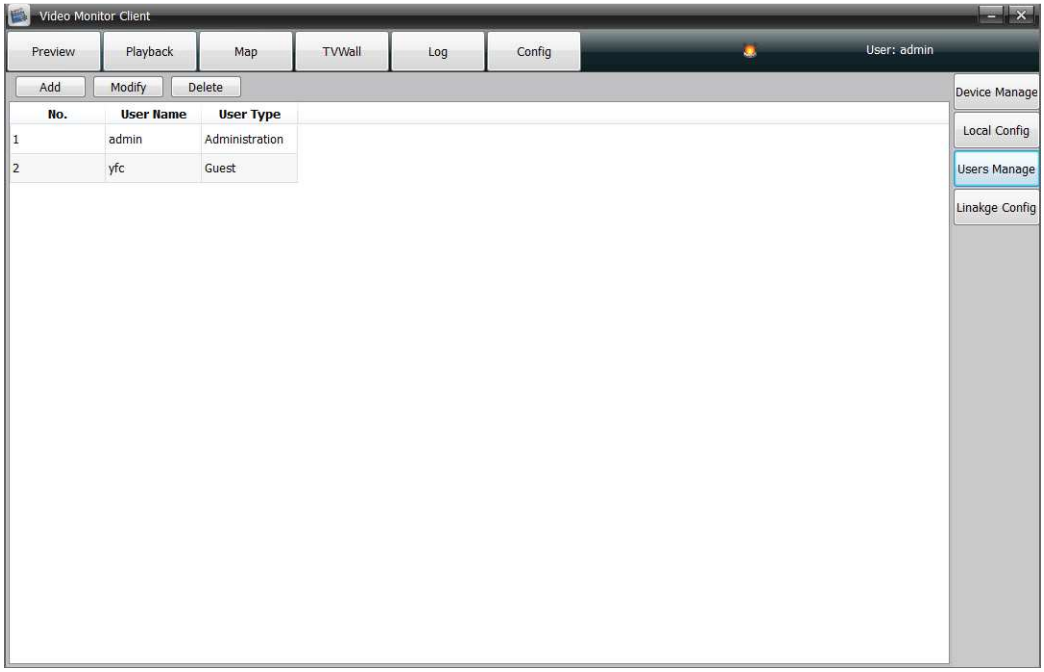
Non click auto switch stream: right click on the preview window to select the stream type

Color for front-end video record type
Different color means different video record type for front-end device.

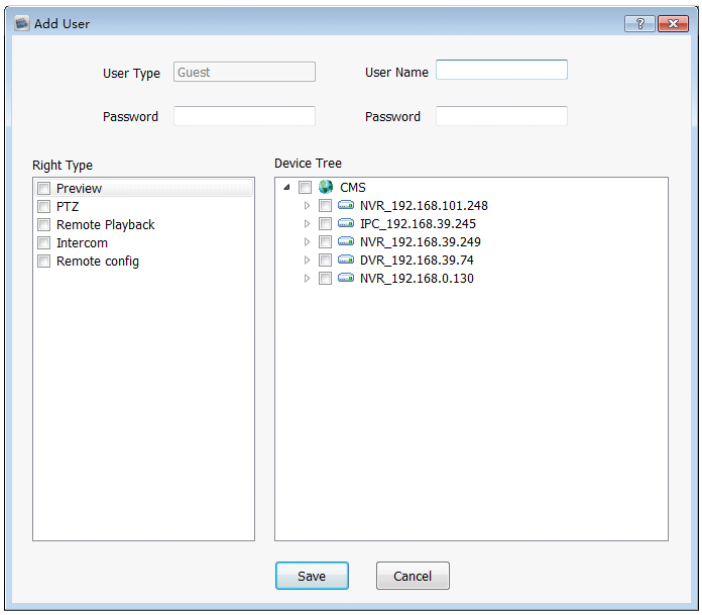
Software version: the current software version.

2.5.3 Users manage

Click users manage in configuration module then enter into the users manager page.



Add user: click **Add** to open the add user page:



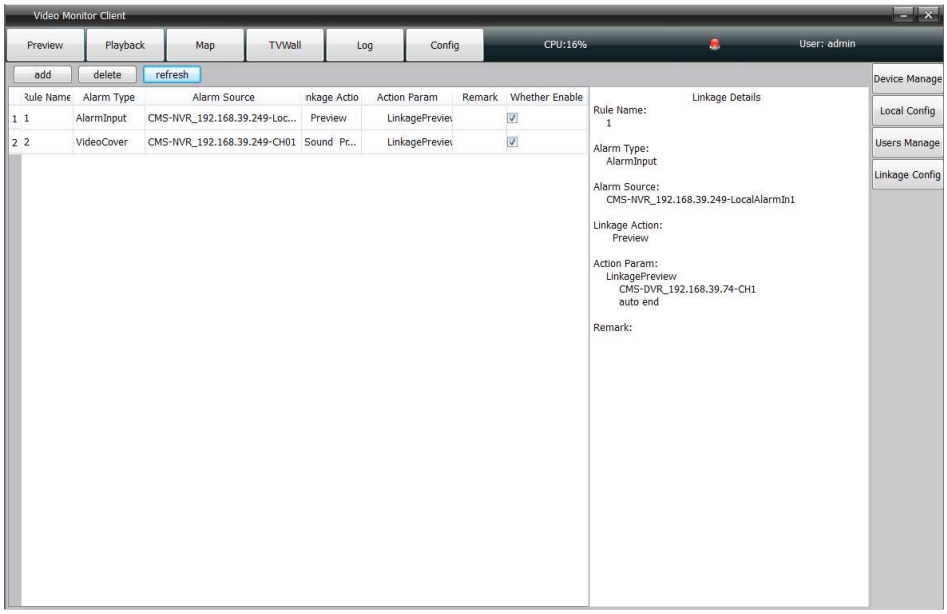
Define user name and password, user authority can be subdivided to single device channel when checking. To note here is if device has no preview authority, it will not offer other permissions, if the channel has preview authority, it support video record automatically.

User modify: modify the name, password, permission of ordinary user, superuser (it is the first client , we call it root) allowed to modify password only.

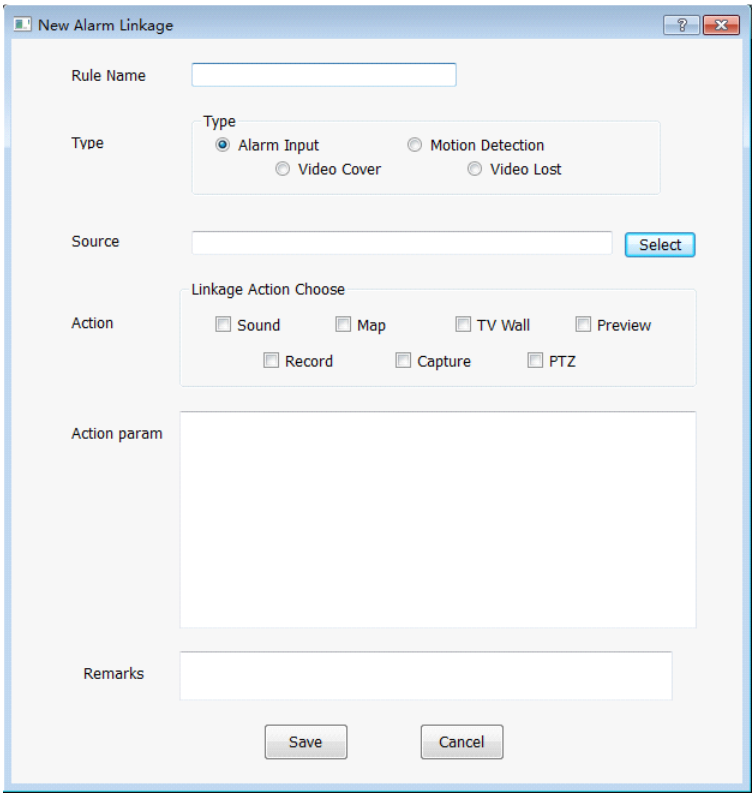
User delete: cancel the ordinary user but super-user.

2.5.4 Alarm linkage

Click **Linkage config** to enter the alarm linkage setting page. As figure below:



This is used to configurate alarm linkage information and manage the configured alarm linkage . Click new alarm linkage ,as figure below :



Rule name: Rule name (user defined)

Type: Alarm input ,motion detection, video cover, video lost

Source: select any device channel for alarm linkage

Linkage action: corresponding actions for alarm signal receiving, user can select one or more linkage action including:

Sound: buzzer alarm
Map: Alarming on the electronic map
TV wall: not used
Preview: Pop up a preview window
Record: Alarm triggered video record
Capture: Alarm triggered capture
PTZ: Alarm triggered PTZ control
Action param: display the relevant action information
Remark : indicate the alarm information (user defined)